

### ABSTRACT

A process for producing a propylene-ethylene block copolymer in a good morphology using a catalyst system comprising a metallocene catalyst (1) preparing high crystalline polypropylene, a metallocene catalyst (2) preparing low crystalline polypropylene, a porous carrier (3), aluminoxane (4) or a compound (4) which can be reacted with the metallocene catalysts described above to form an ionic complex and, if necessary, an organic aluminum compound (5) and a propylene-ethylene block copolymer. The resultant compound has a high transparency and a low elastic modulus.